This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1.(Previously Presented) Recordable optical record carrier for recording information using a radiation beam having wavelength λ and incident on an entrance surface of the optical record carrier comprising, in this order:
 - a protective layer facing the entrance surface,
- a first recording stack (LO), said recording stack comprising a recording layer of an organic dye material and a groove structure,
- a transparent spacer layer sandwiched between neighboring recording stacks, and
 - a second recording stack (LN) comprising a recording layer, wherein the groove depth of the recording layer of the first

recording stack (LO) is in a range from $0.241*\lambda/n_s$ to $0.362*\lambda/n_s$, where n_s is a refractive index of a material in a land between grooves on the groove structure.

- 2.(Original) Record carrier according to claim 1, wherein the groove depth of the recording layer of the first recording stack (LO) is in a range from $0.289*\lambda/n_s$ to $0.337*\lambda/n_s$.
- 3.(Previously Presented) Record carrier according to claim 1, wherein the groove width of the recording layer of the first recording stack (LO) is in a range from 0.198* λ /NA to 0.397* λ /NA, where NA is a numerical aperture of the radiation beam incident on the optical record carrier.
- 4.(Original) Record carrier according to claim 1, further comprising:
- at least one additional recording stack between the protective layer and the second recording stack (LN), said additional recording stack comprising a recording layer of an

organic dye material and a groove structure and

- transparent spacer layers sandwiched between the neighboring recording stacks,

wherein the groove depth of the recording layer of at least one of said additional recording stacks is in a range from 0.241* λ/n_s to 0.362* λ/n_s .

- 5.(Original) Record carrier according to claim 4, wherein the groove depth of the recording layer of at least one of said additional recording stacks is in a range from 0.289* λ/n_s to 0.337* λ/n_s .
- 6.(Previously Presented) Record carrier according to claim 4, wherein the groove width of the recording layers of at least one of said additional recording stacks is in a range from 0.198* λ /NA to 0.397* λ /NA.
- 7.(Previously Presented) Record carrier according to claim 1, wherein each recording stack further comprises a metal reflective

or heat-sink layer arranged on the side of the recording layer facing away from the entrance surface.

- 8.(Original) Record carrier according to claim 7, wherein said metal reflective or heat-sink layers are substantially made of a material of the group consisting Ag, Al, Au or Cu.
- 9.(Previously Presented) Record carrier according to claim 7, wherein the thickness of said reflective or heat-sink layers is in a range below 40 nm.
- 10.(Previously Presented) Record carrier according to claim 1 wherein the thickness of the recording layer of at least one recording stack at a groove position is in a range from $0.168*\lambda/n_r$ to $0.336*\lambda/n_r$, where nr is a refractive index of the recording layer.
- (Previously Presented) Record carrier according to claim
 wherein the recording layer of at least the first recording

stack shows a leveling ratio in a range from 0.3 to 0.5, said leveling ratio being defined as the difference between the thickness of said recording layer at a groove position and the thickness of said recording layer at a land position normalized by the groove depth.

- 12. (Previously Presented) Record carrier according to claim 3, wherein the groove width of the recording layer of the first recording stack (LO) is in a range from $0.289 * \lambda/NA$ to $0.347 * \lambda/NA$.
- 13. (Previously Presented) Record carrier according to claim 6, wherein the groove width of the recording layers of at least one of said additional recording stacks is in a range from 0.289* λ/NA to 0.347* λ/NA.
- 14. (Previously Presented) Record carrier according to claim 7, wherein the thickness of said reflective or heat-sink layers is in a range below 25 nm.

- 15.(Previously Presented) Record carrier according to claim 10 wherein the thickness of the recording layer of at least one recording stack at a groove position is in a range from $0.235*\lambda/n_r$ to $0.302*\lambda/n_r$.
- 16.(Previously Presented) Record carrier according to claim
 11, wherein the recording layer of at least the first recording
 stack shows a leveling ratio in a range from 0.35 to 0.40.